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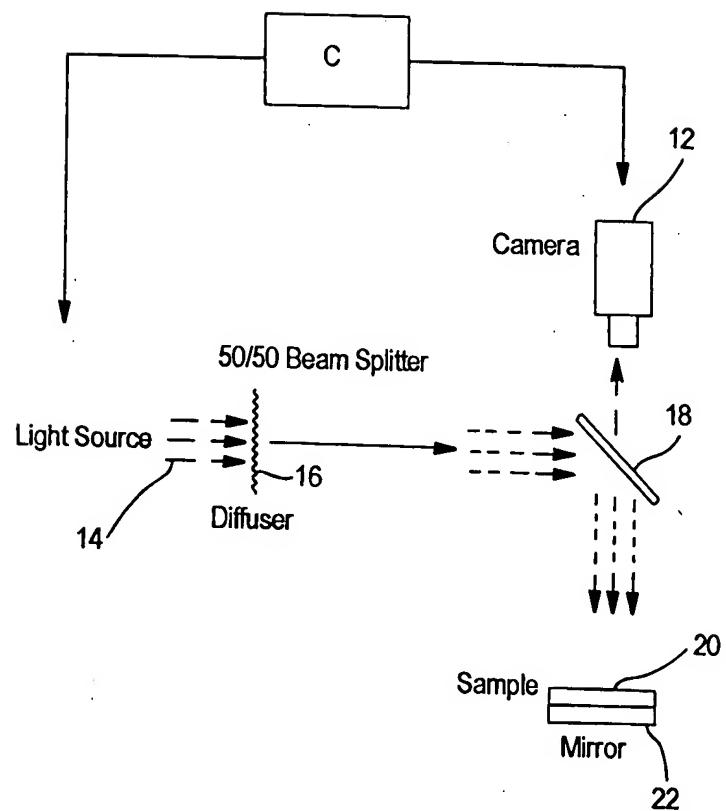
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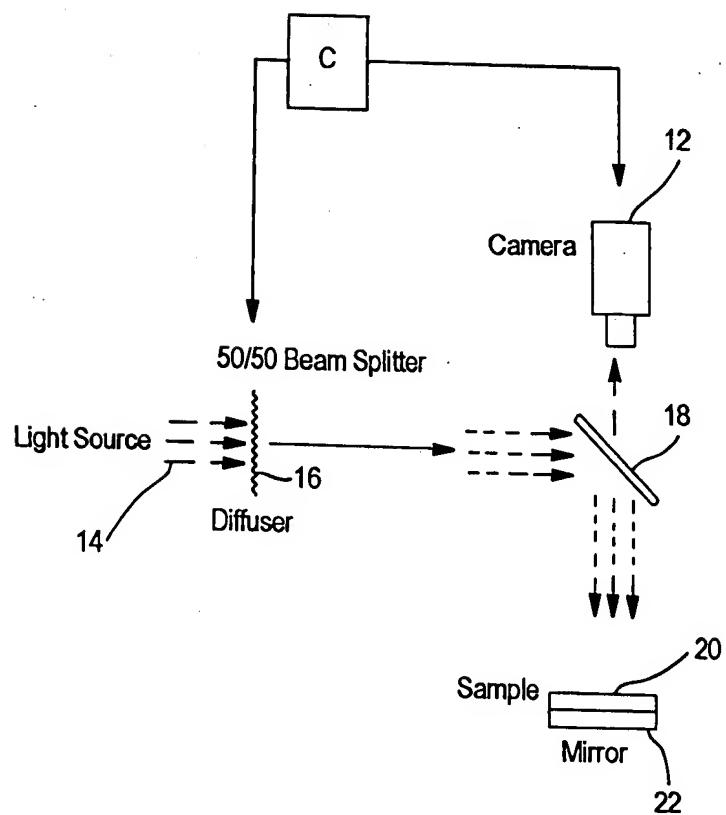


OPTICAL METHOD FOR EVALUATING  
SURFACE AND PHYSICAL PROPERTIES OF  
STRUCTURES MADE WHOLLY OR PARTIALLY  
FROM FIBERS, FILMS, POLYMERS ...  
Applicant: Pourdeyhimi  
Atty Docket: 297/180



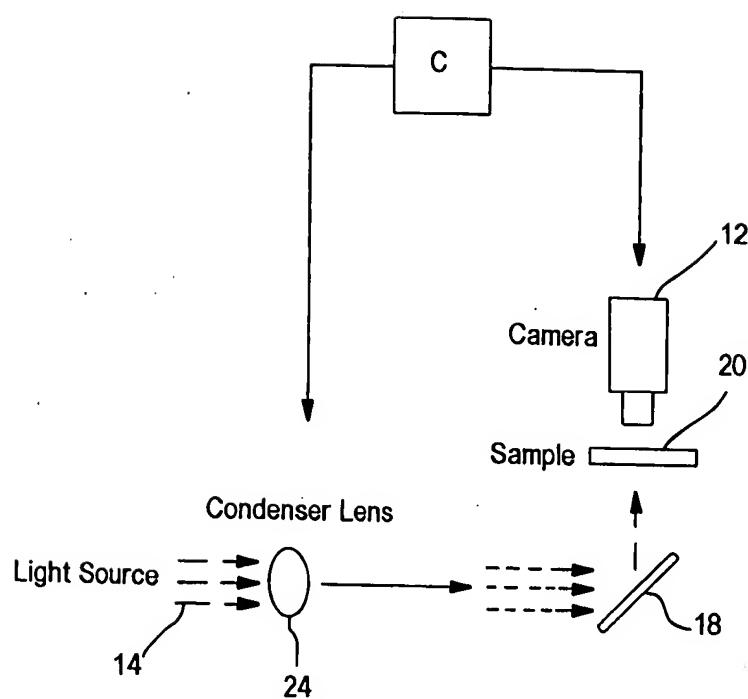
**FIG. 1A**

Title: OPTICAL METHOD FOR EVALUATING  
SURFACE AND PHYSICAL PROPERTIES OF  
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Applicant: Pourdeyhimi  
Atty Docket: 297/180



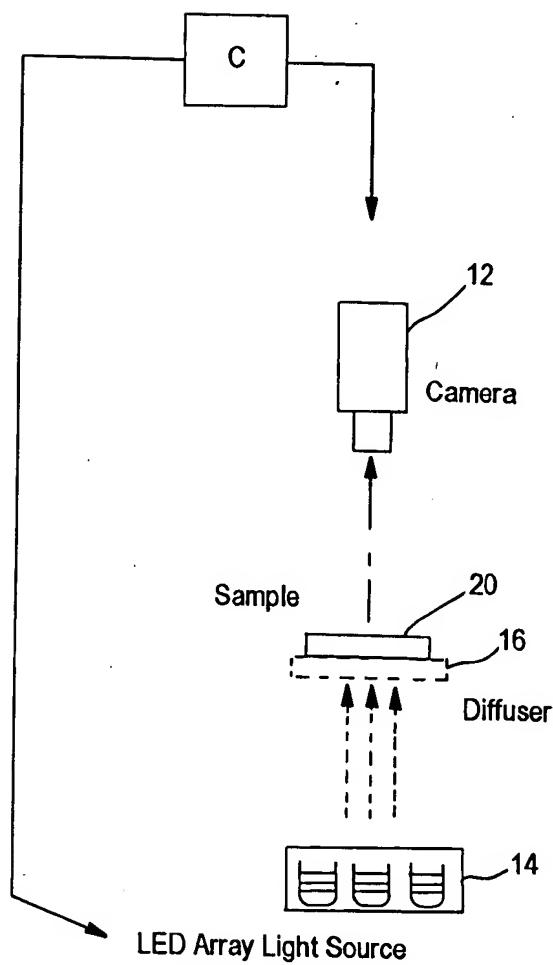
**FIG. 1B**

Title: OPTICAL METHOD FOR EVALUATING  
SURFACE AND PHYSICAL PROPERTIES OF  
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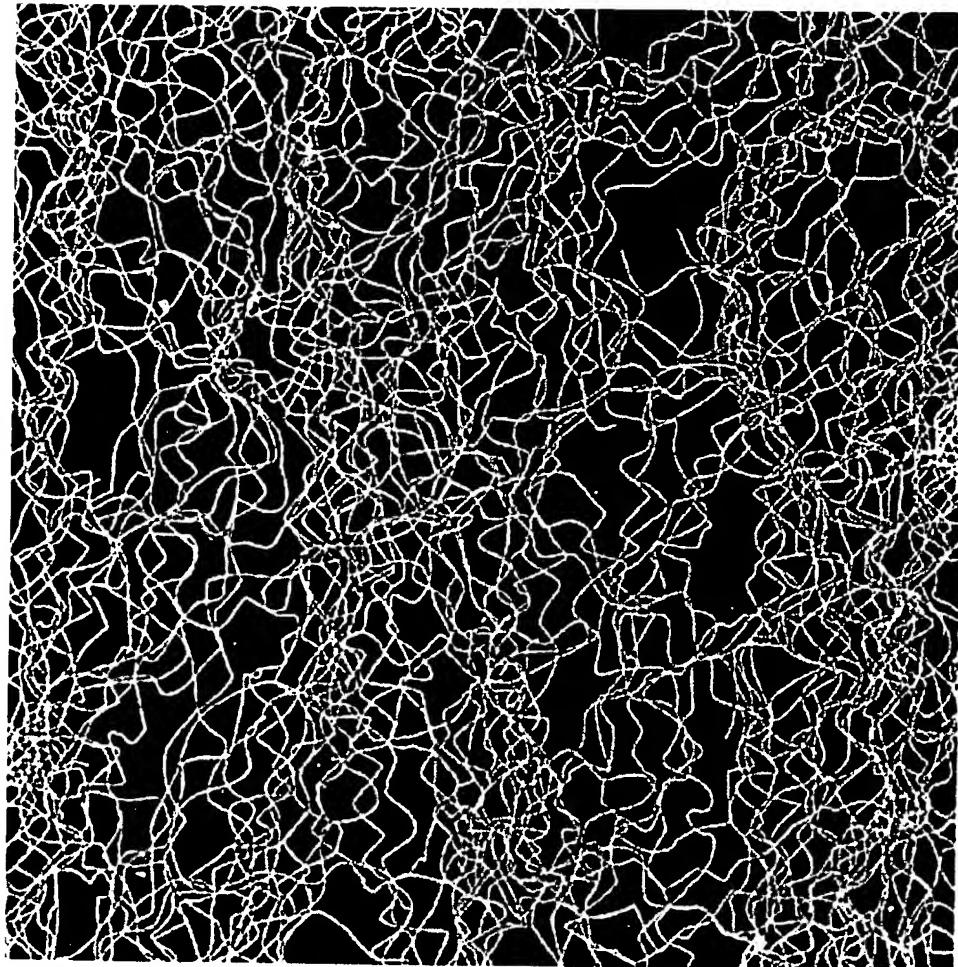
**FIG. 1C**

Title: OPTICAL METHOD FOR EVALUATING  
SURFACE AND PHYSICAL PROPERTIES OF  
STRUCTURES MADE WHOLLY OR PARTIALLY  
FROM FIBERS, FILMS, POLYMERS ...  
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Atty Docket: 297/180



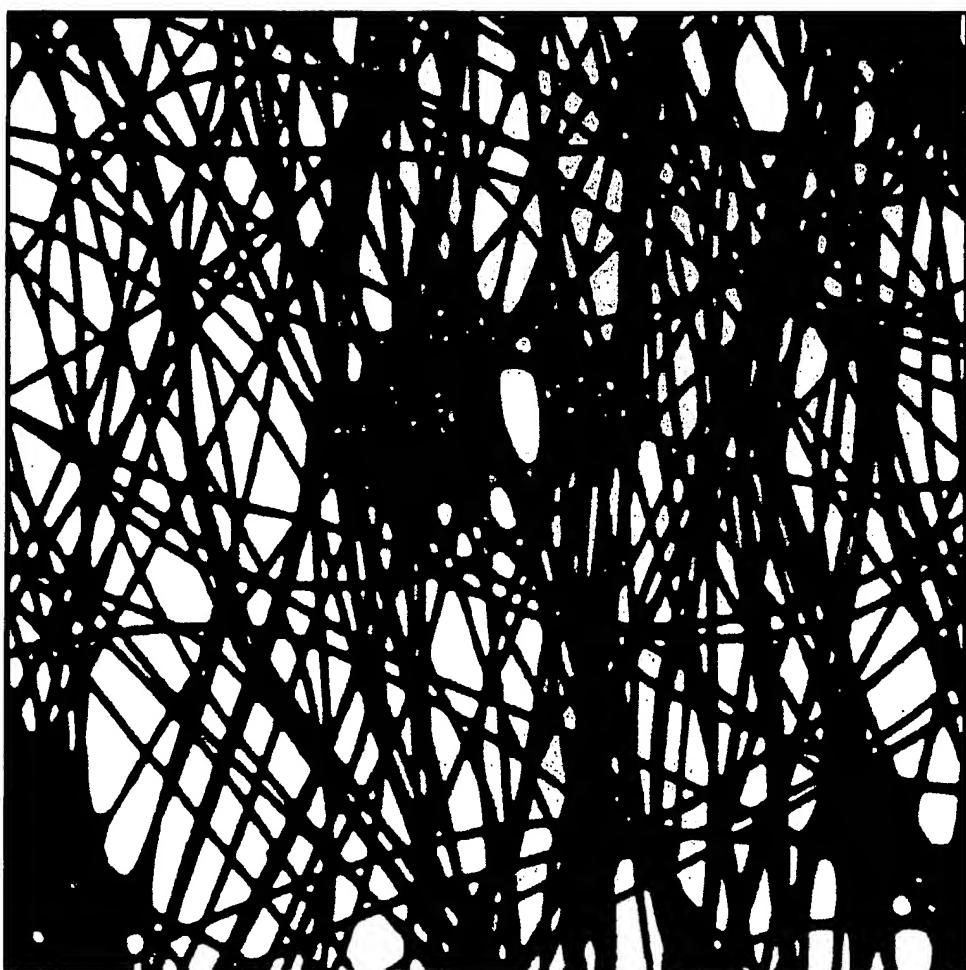
**FIG. 1D**

Title: OPTICAL METHOD FOR EVALUATING  
SURFACE AND PHYSICAL PROPERTIES OF  
STRUCTURES MADE WHOLLY OR PARTIALLY  
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Applicant: Pourdeyhimi  
Atty Docket: 297/180



**FIG. 2**

Title: OPTICAL METHOD FOR EVALUATING  
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**FIG. 3**

Title: OPTICAL METHOD FOR EVALUATING  
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Applicant: Pourdeyhimi  
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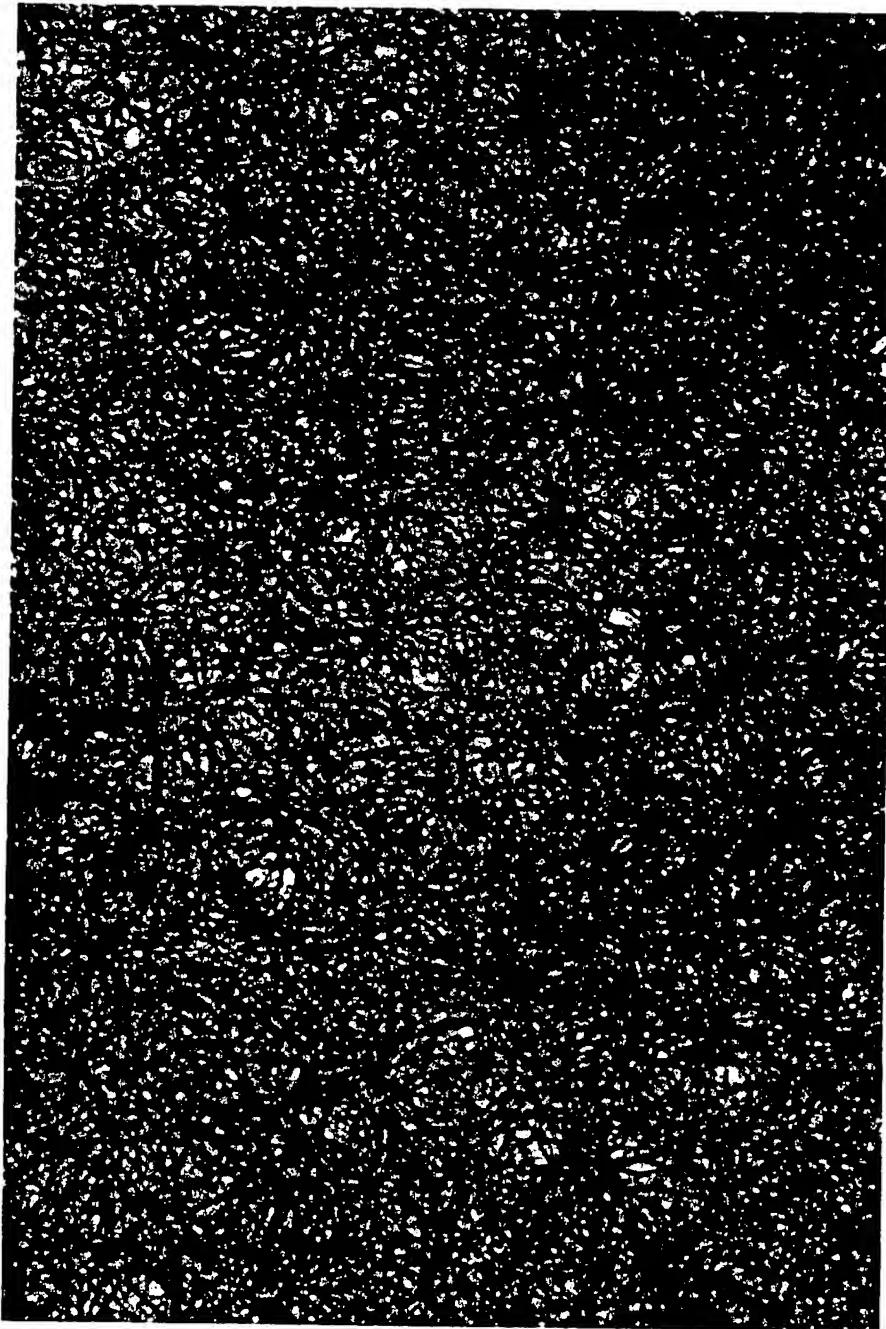
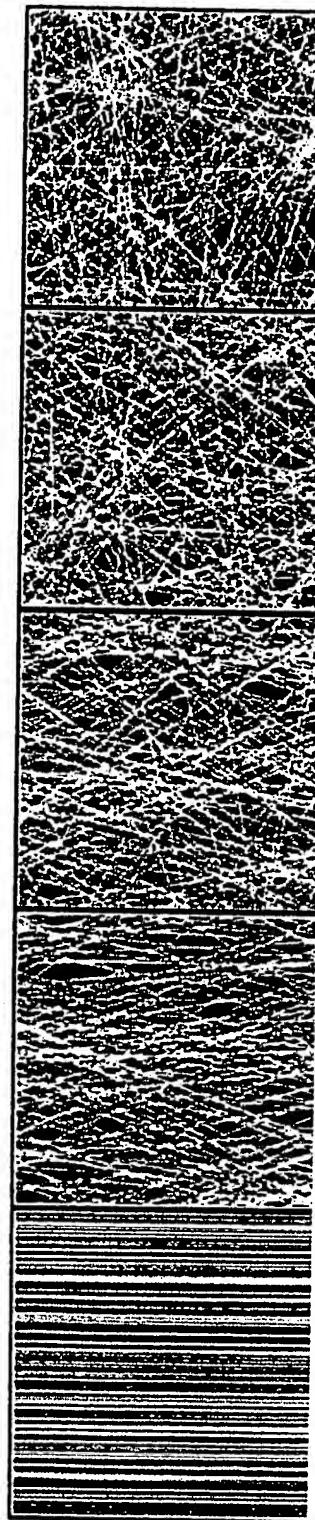
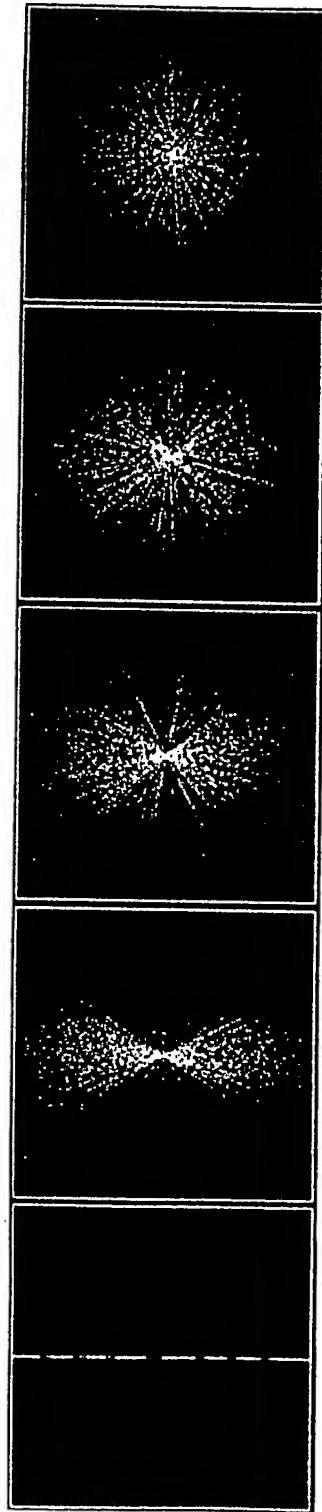


FIG. 4



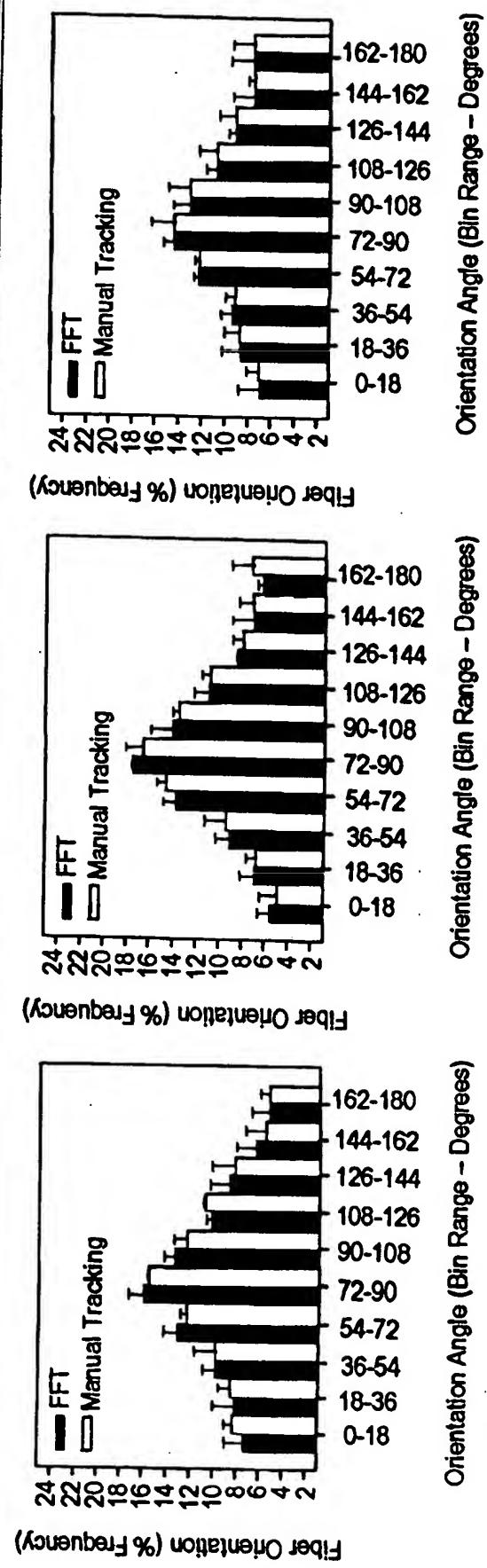
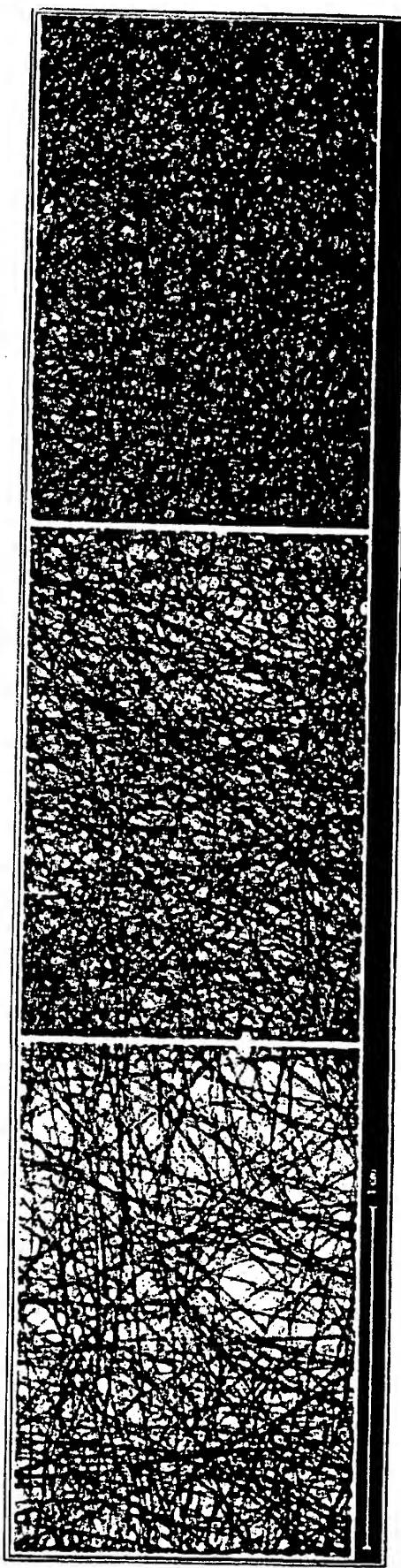
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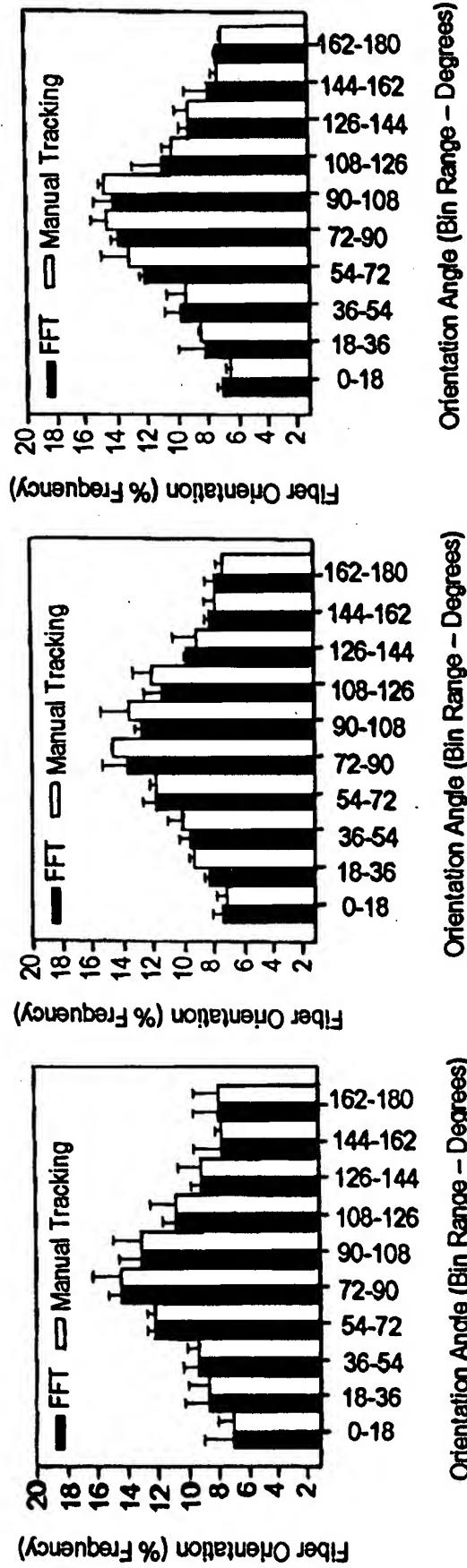
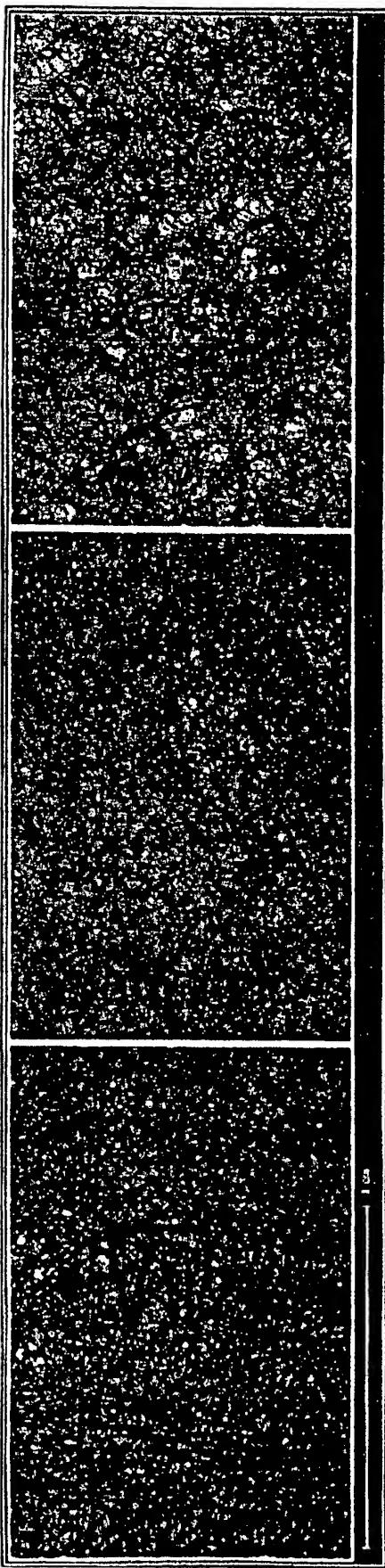


Mean	= 90						
Stddev	= 0	Stddev	= 15	Stddev	= 30	Stddev	= 45

Random

FIG. 5A FIG. 5B FIG. 5C FIG. 5D FIG. 5E

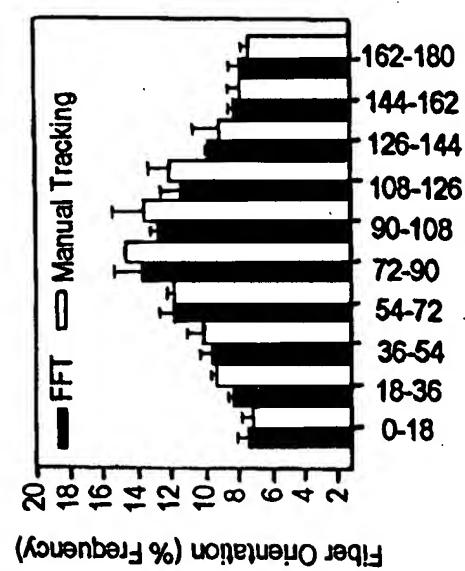




**FIG. 7A**

Orientation Angle (Bin Range - Degrees)

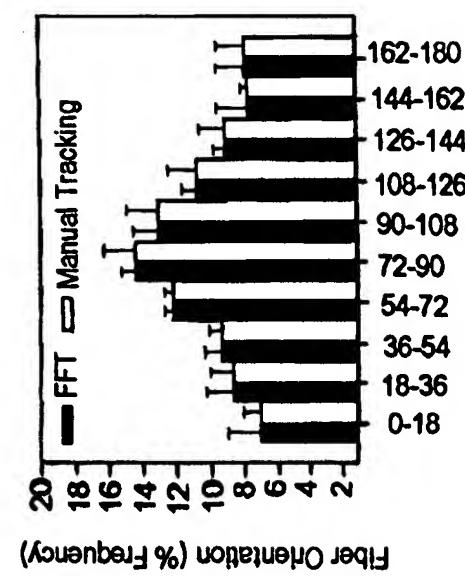
Fiber Orientation (% Frequency)



**FIG. 7B**

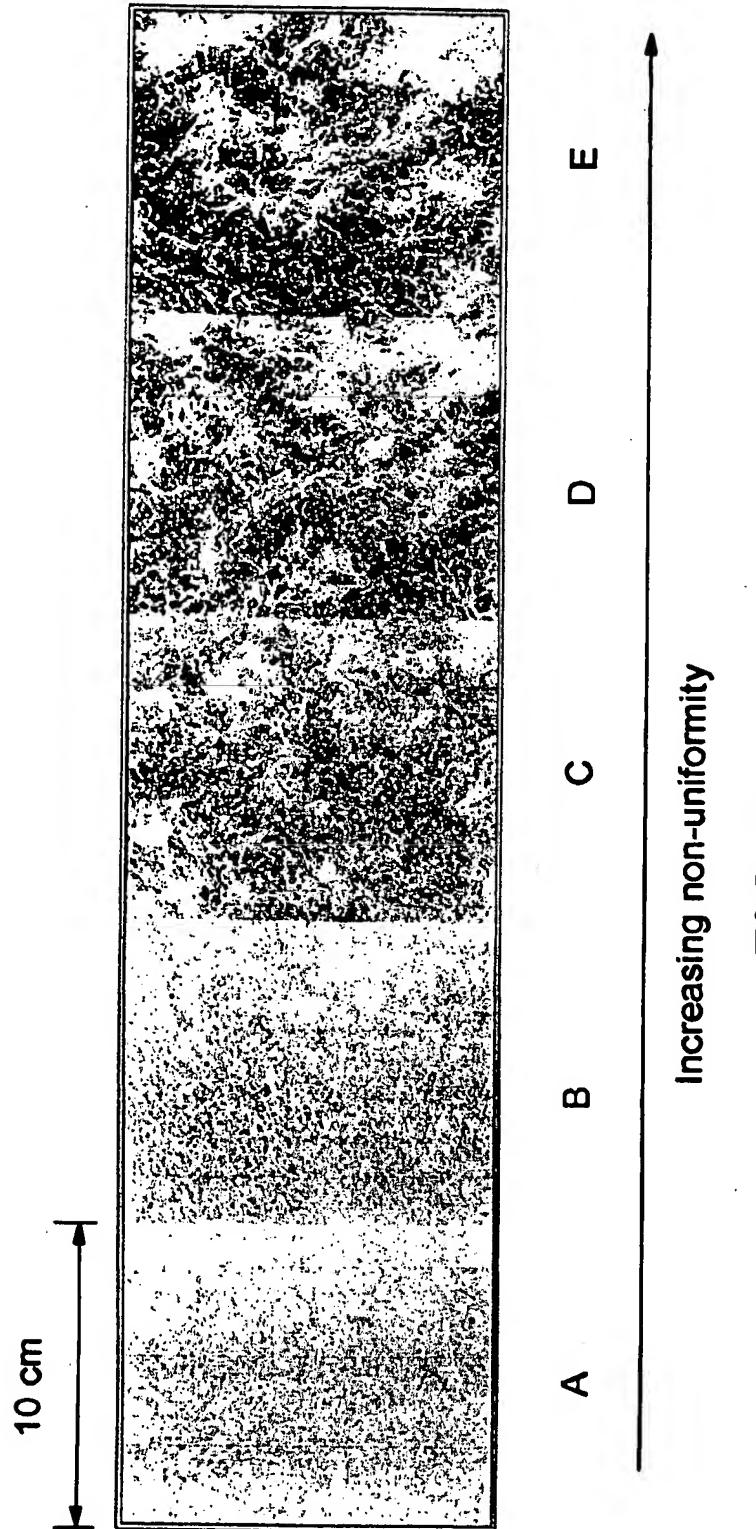
Orientation Angle (Bin Range - Degrees)

Fiber Orientation (% Frequency)



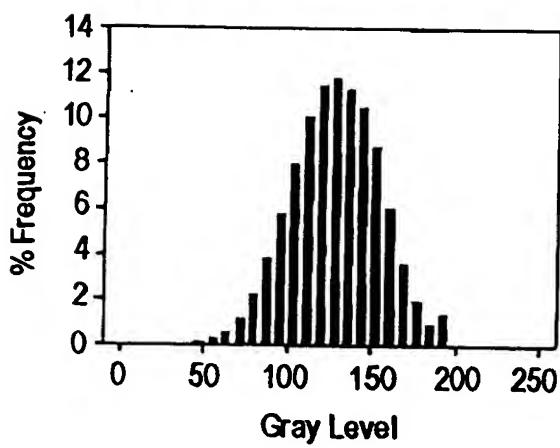
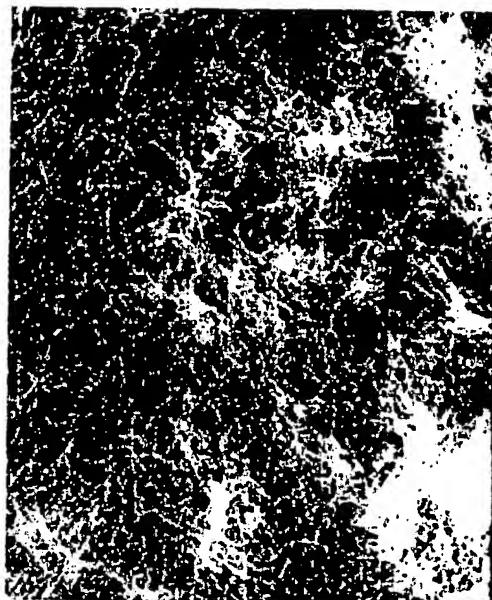
**FIG. 7C**

Title: OPTICAL METHOD FOR EVALUATING  
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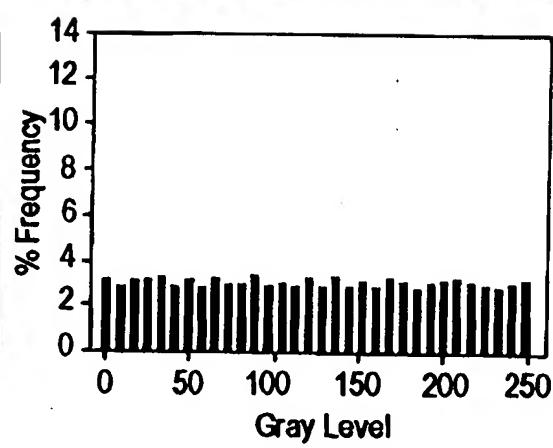


**FIG. 8**

Title: OPTICAL METHOD FOR EVALUATING  
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**FIG. 9A**



**FIG. 9B**

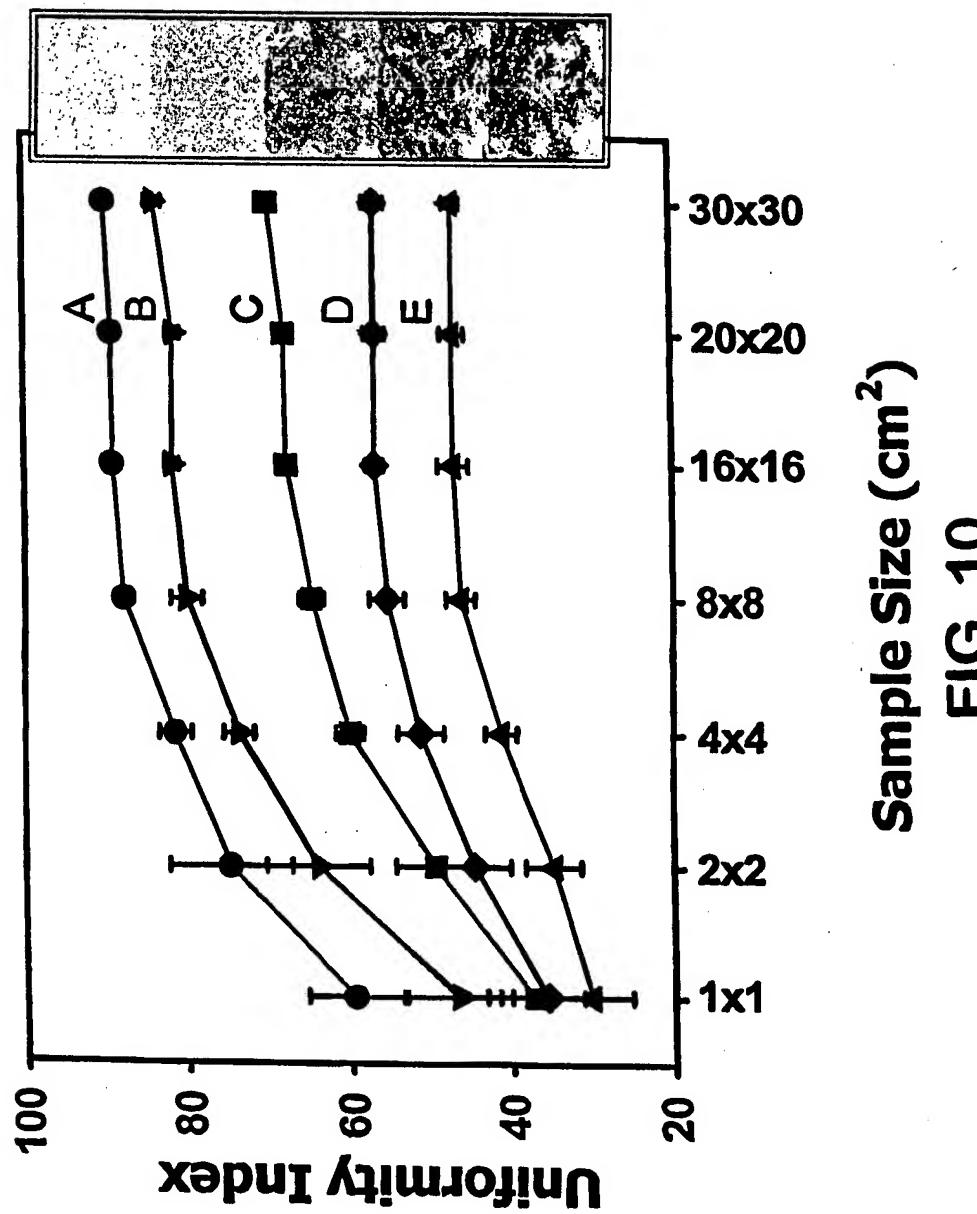


FIG. 10

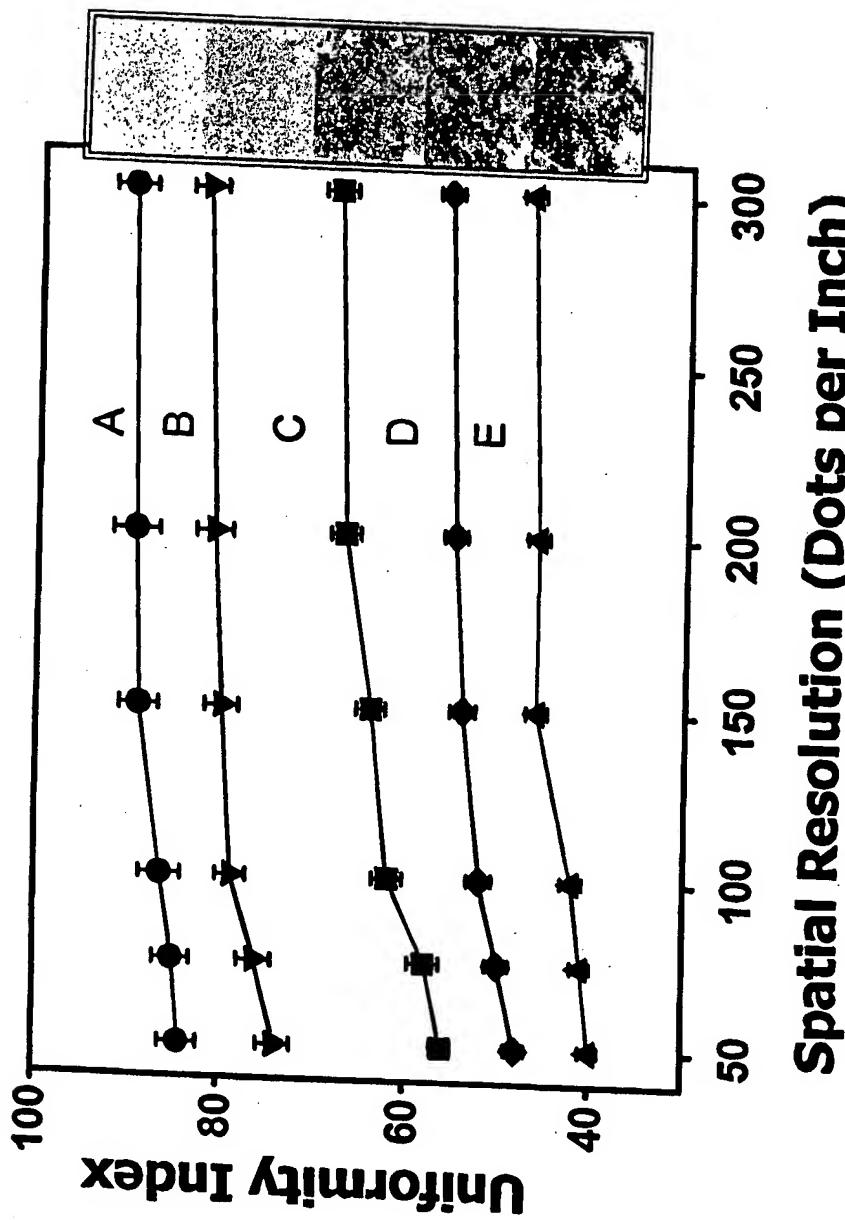
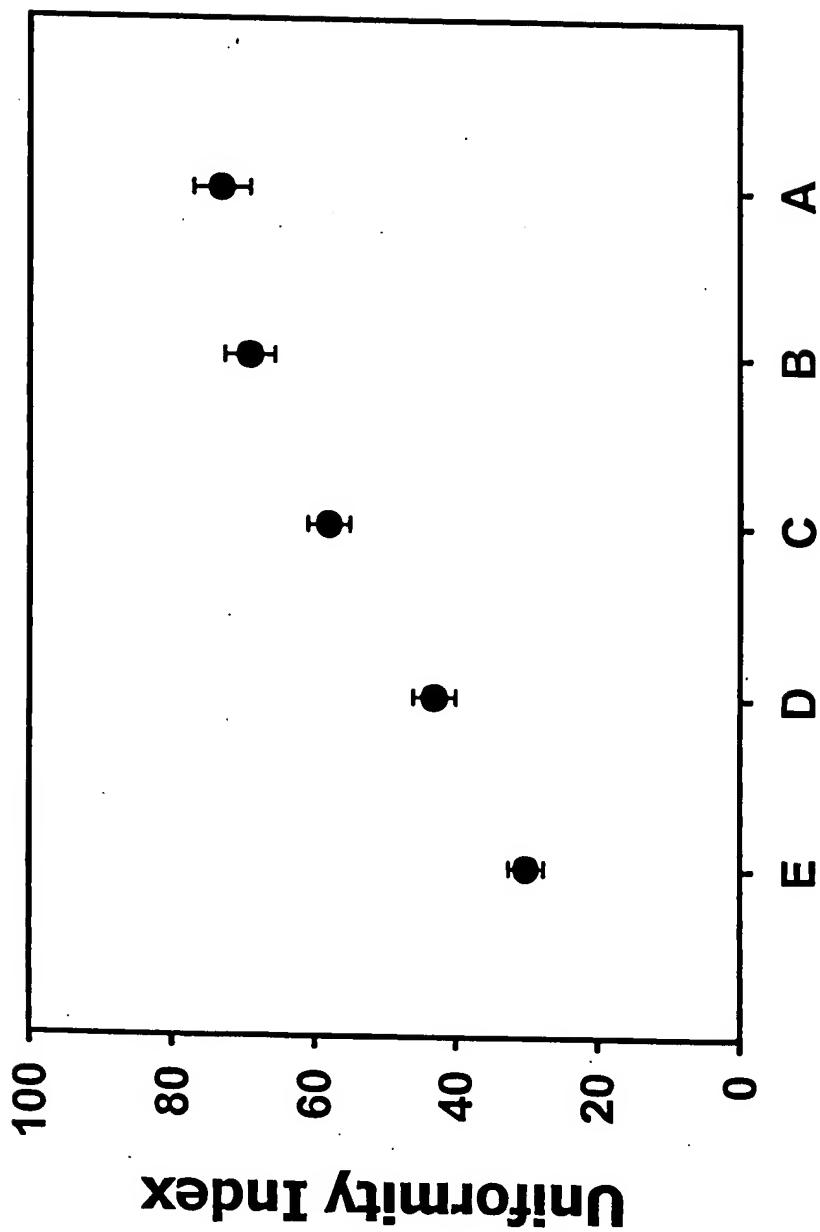


FIG. 11

Title: OPTICAL METHOD FOR EVALUATING  
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**Samples**  
**FIG. 12**

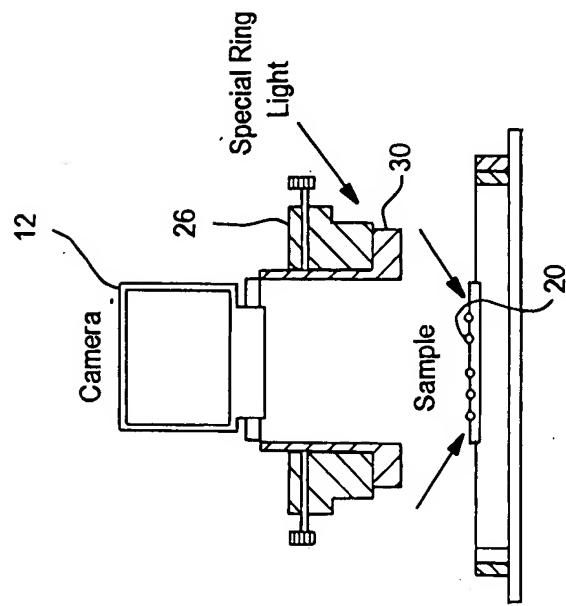


FIG. 13B

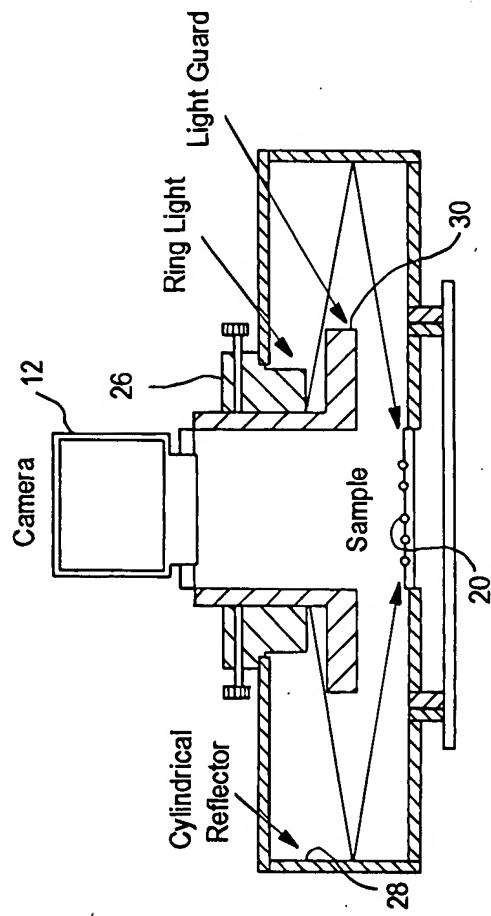
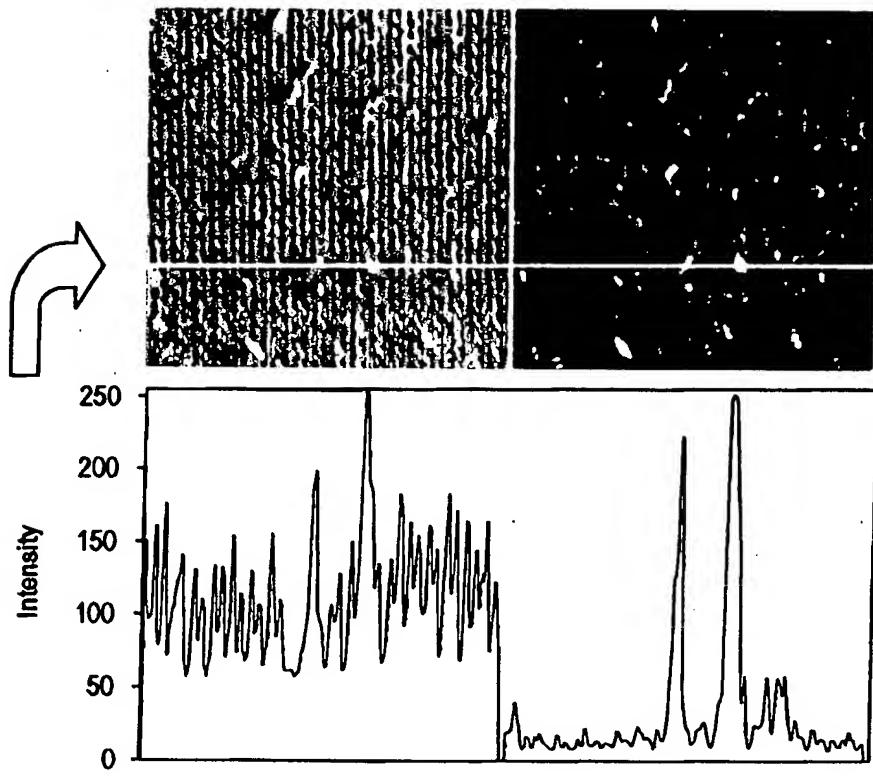
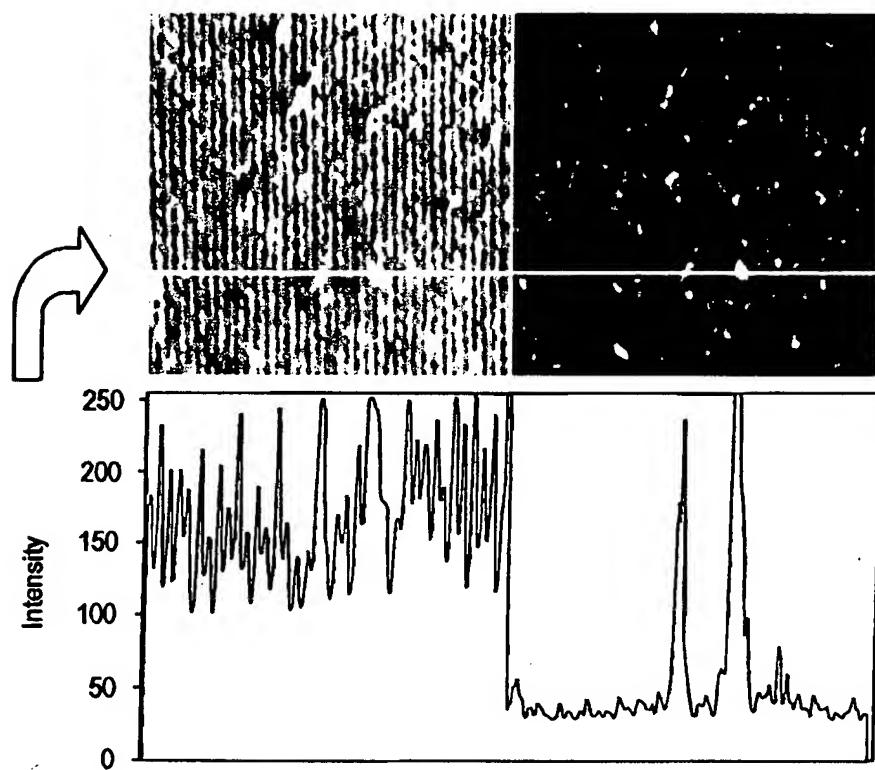


FIG. 13A

Title: OPTICAL METHOD FOR EVALUATING  
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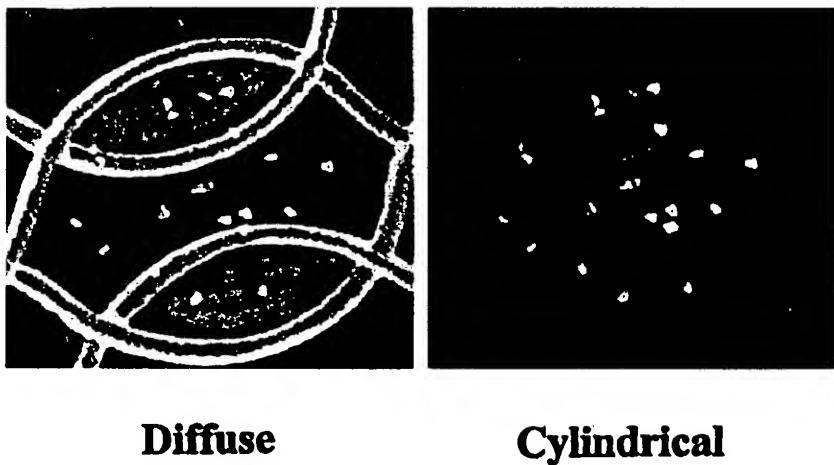


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Applicant: Pourdeyhimi  
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**FIG. 15**

1. INVENTOR'S NAME  
Title: OPTICAL METHOD FOR EVALUATING  
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**FIG. 16**

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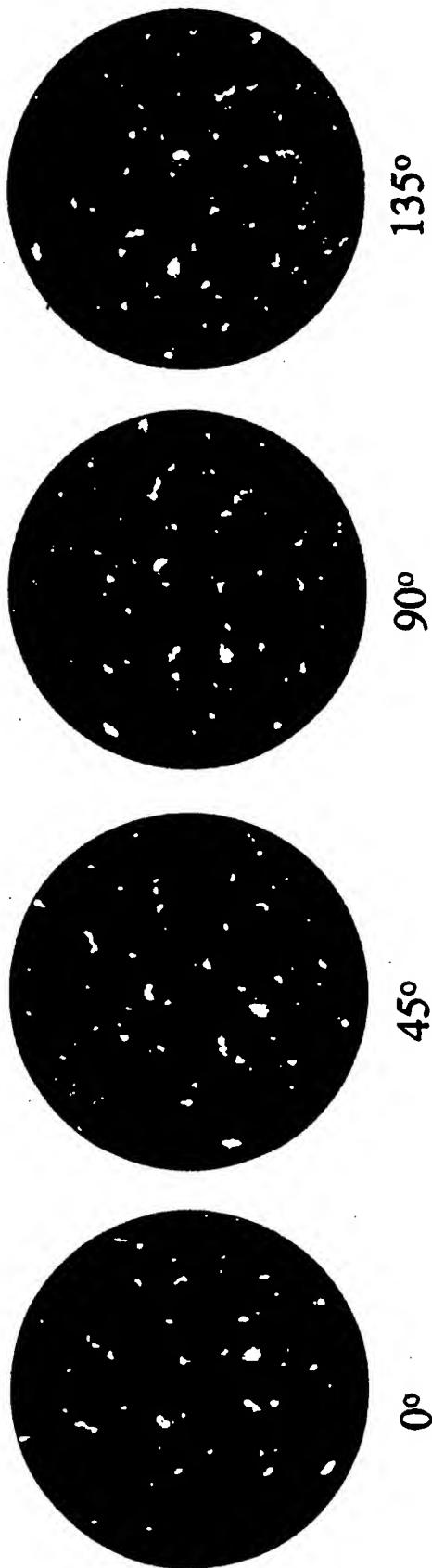
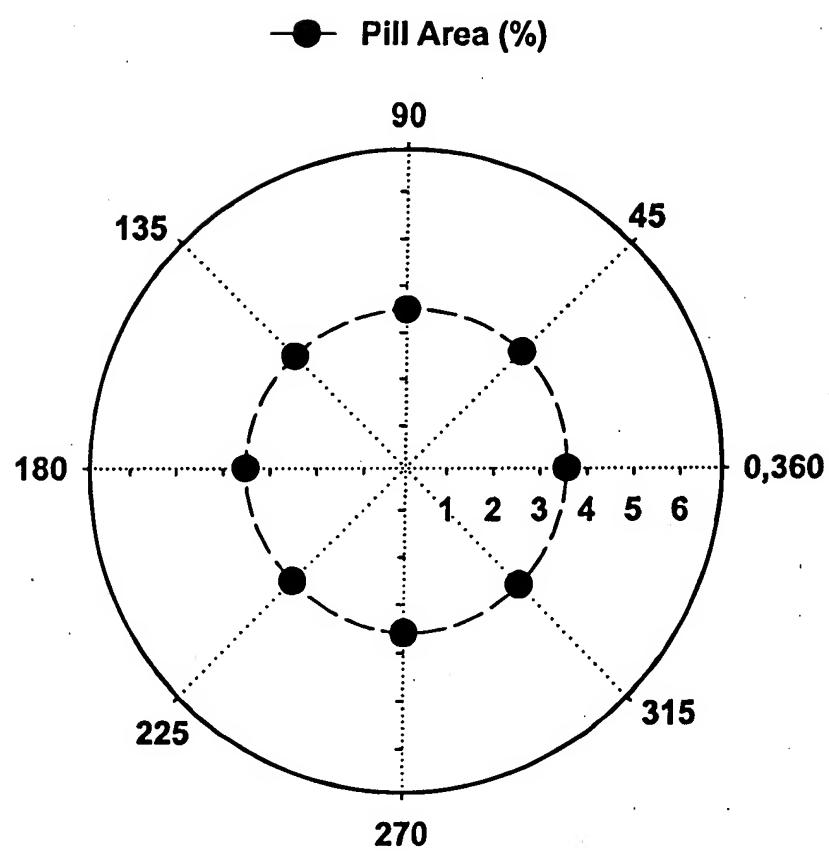


FIG. 17

Title: OPTICAL METHOD FOR EVALUATING  
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**FIG. 18**

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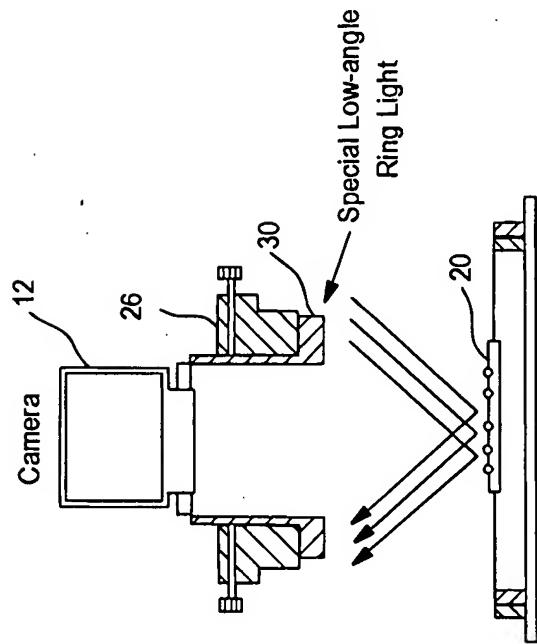


FIG. 19B

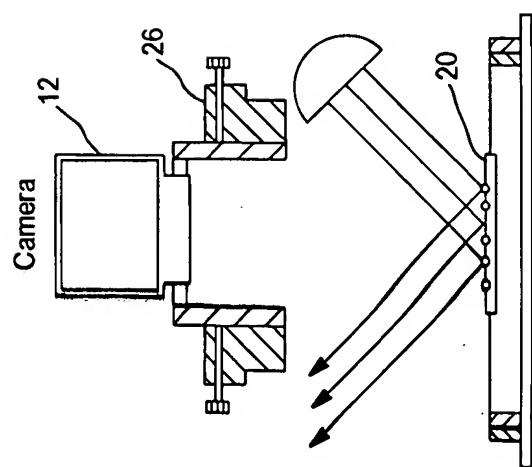
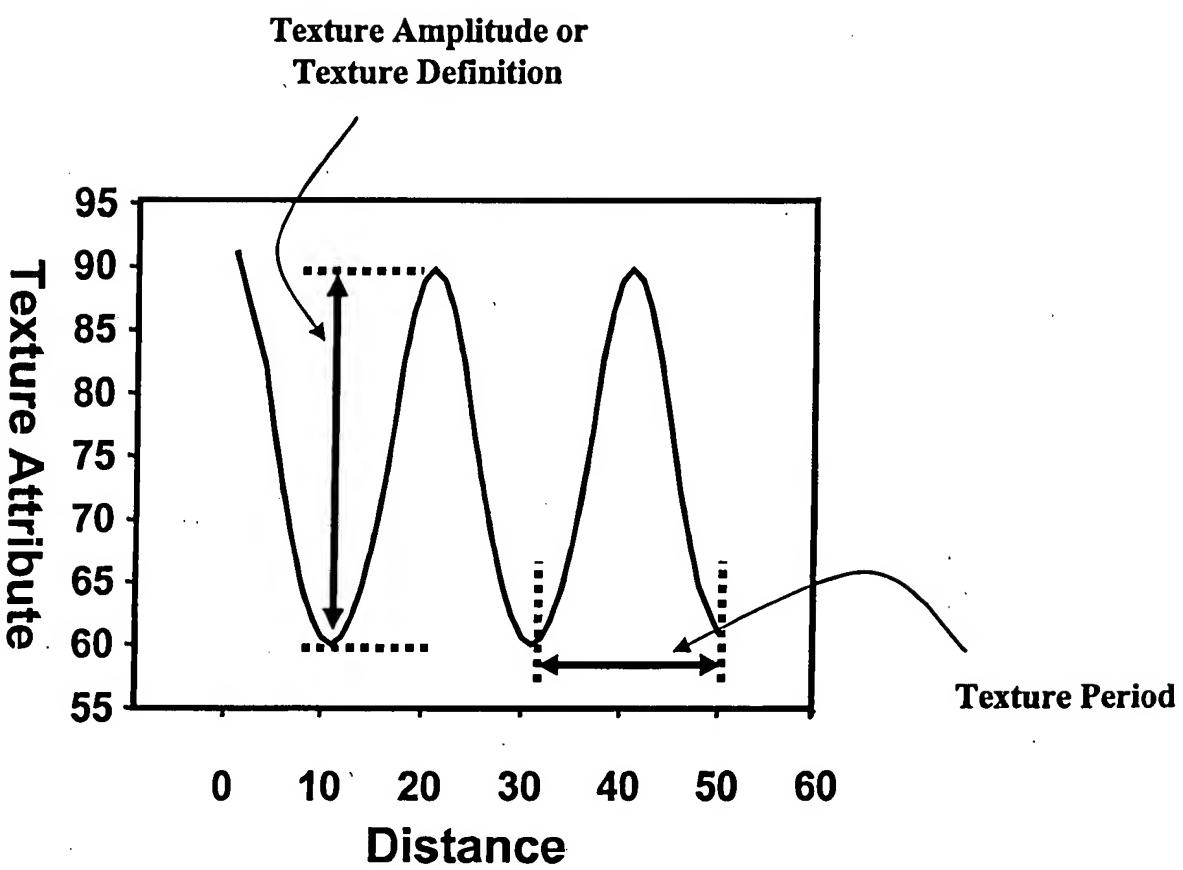


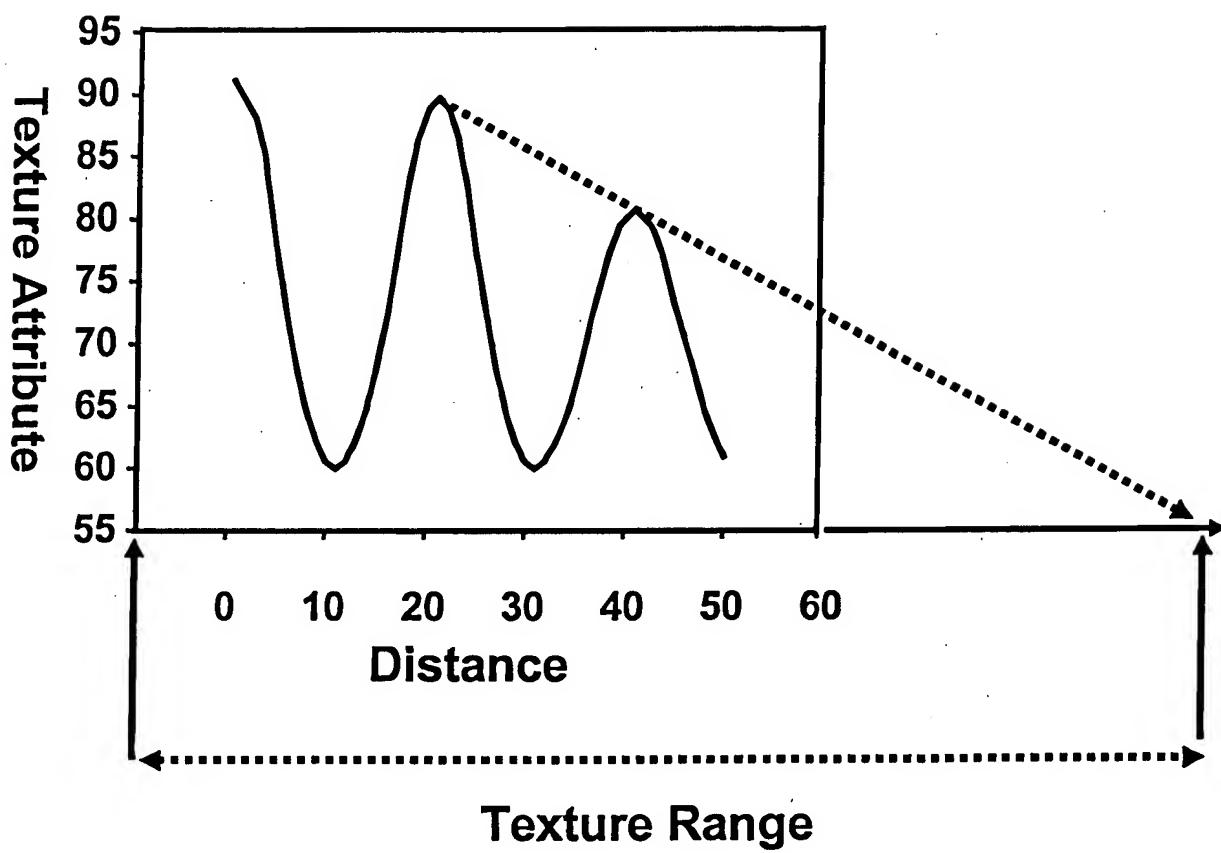
FIG. 19A

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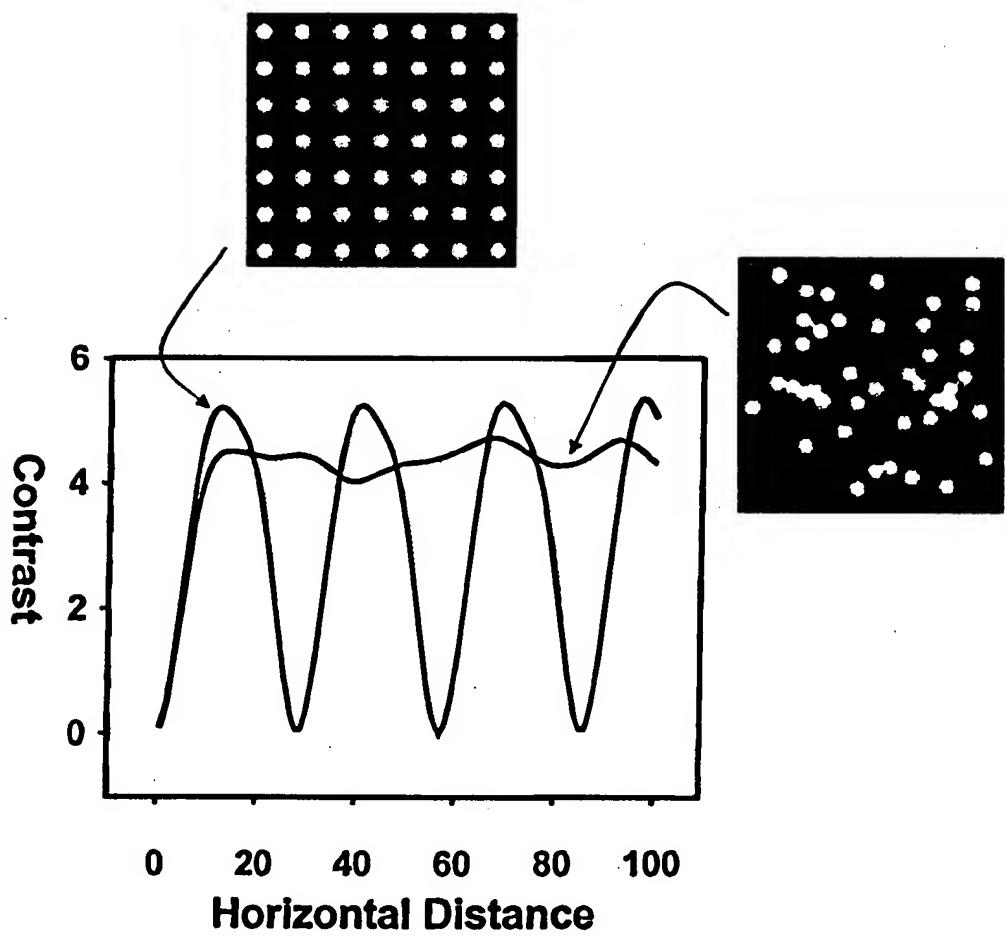
**FIG. 20**

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STRUCTURES MADE WHOLLY OR PARTIALLY  
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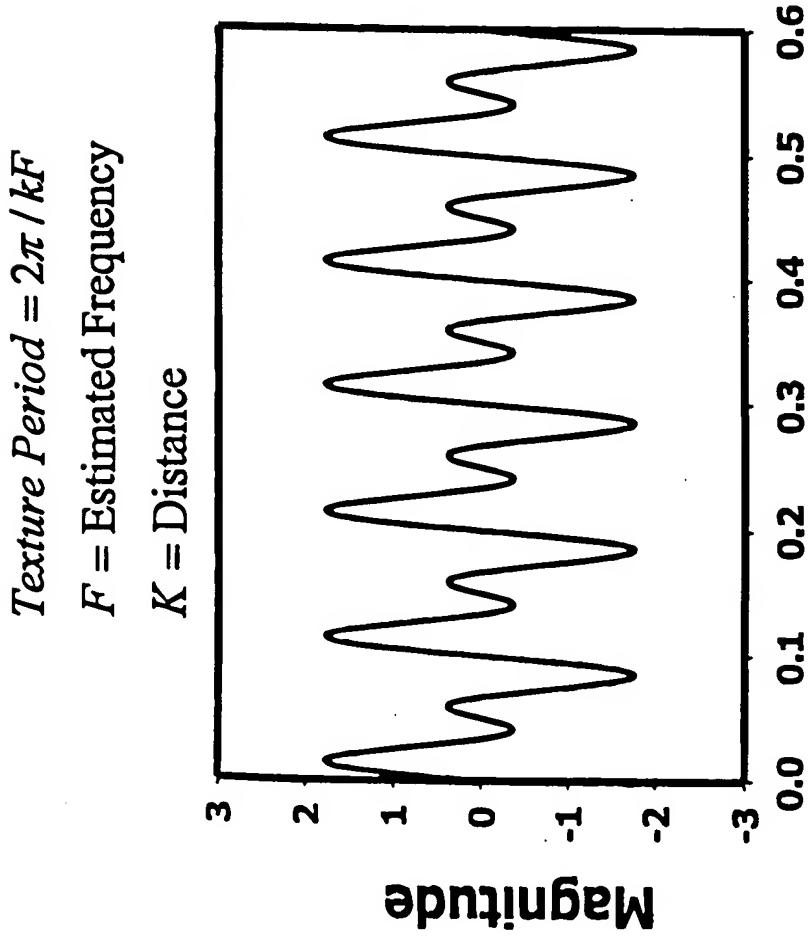
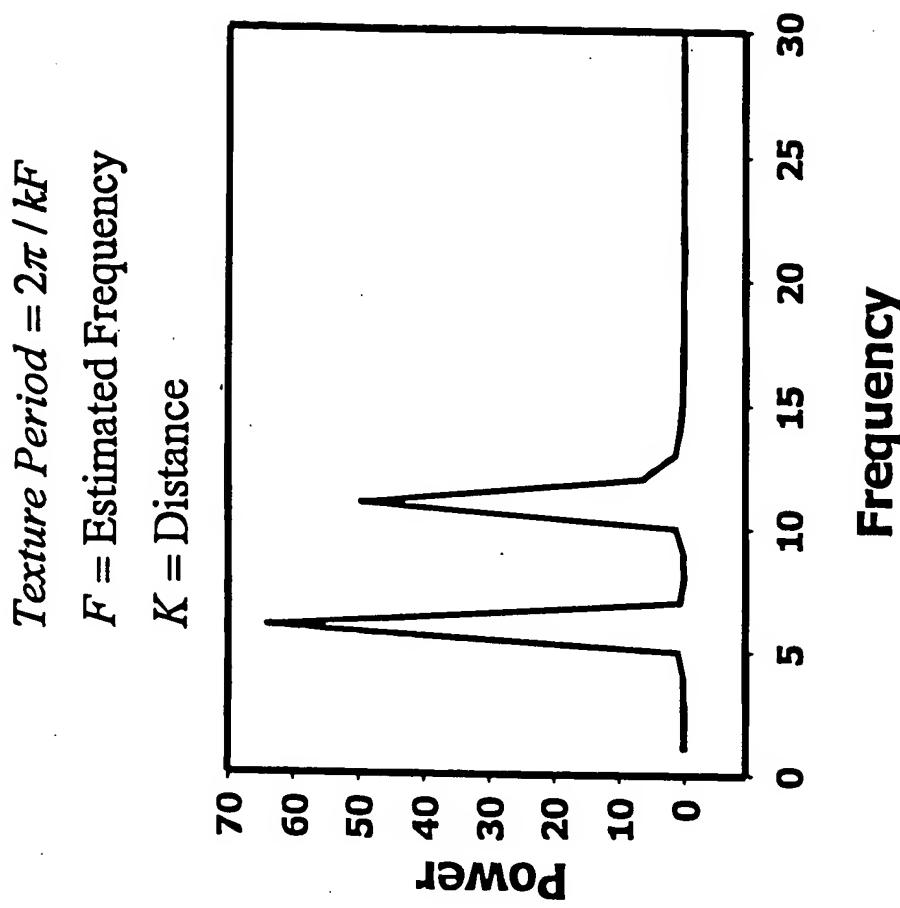
**FIG. 21**

Title: OPTICAL METHOD FOR EVALUATING  
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**FIG. 22**

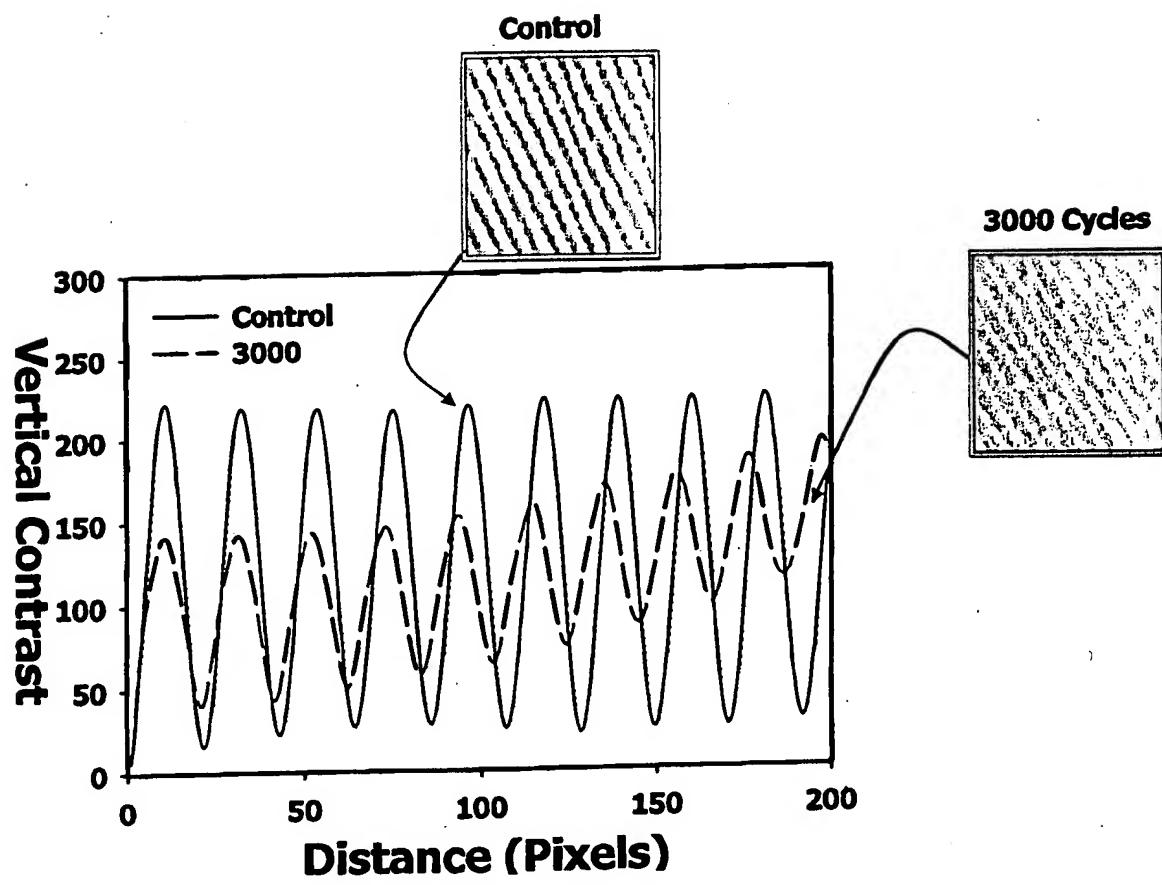
Title: OPTICAL METHOD FOR EVALUATING  
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**FIG. 23A**

**FIG. 23B**

1. INVENTOR'S NAME  
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**FIG. 24**